Part Number: 00016-79420

Code: YA6

TOYOTA
Southeast Toyota Distributors, LLC

Kit Contents

Item #	Quantity Reqd.	Description
1	1	AMPLIFIER
2	1 PAIR	FRONT SPEAKERS
3	1 PAIR	REAR SPEAKERS
4	1	MAIN HARNESS
5	1	AUX HARNESS
6	1	CAPACITOR

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	10	4 INCH WIRE TIES
2	4	FOAM TAPE
3	16	RIVETS

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		
2		
3		

Conflicts

Recommended Tools

Personal & Vehicle Protection	**Notes**
VEHICLE PROTECTION	SEAT/FLOOR COVERS
PART PROTECTION	BLANKETS
Special Tools	**Notes**
Installation Tools	Notes
GREASE PENCIL	
REMOVAL TOOL	NYLON TOOL
SOCKET / WRENCH	10 MM
UTILITY KNIFE	TO SLICE CARPET
SOCKET / RATCHET	12 MM, 14 MM
TORQUE WRENCH	30 ft. lbs 36 in lbs. & 9 ft. lbs.
PLIERS	6" (Optional)
SCREWDRIVER	DIAGONAL AND LONG
DRILL	3/16" DRILL BIT
Special Chemicals	**Notes**
SEALANT	3M SEALANT

General Applicability

SCION TC ALL GRADES

Recommended Sequence of Application

Item #	Accessory
1	INSTALL SECURITY
2	SATTELITE RADIO INSTALL
3	AUDIO UPGRADE INSTALL
4	INSTALL DOOR SILLS
5	INSTALL MOLDED DASH

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		
2		
3		

*Mandatory

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

SPECIAL NOTE: Installation Sequences

After **TMS** and **Safety** mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.
Also some items listed to be removed may not need to be removed if caution is taken to not damage vehicle.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

Pre-installation Precautions

(a) Use Seat and Floor Protectors to avoid damage to surfaces.

(b) If the vehicle is equipped with an Anti-Theft Radio, the radio code must be written down prior to disconnecting the battery cable. The code must be reentered when the negative battery cable is reinstalled.

(c) If the vehicle is equipped Airbags, precautions must be taken to ensure that sensors and bags are not damaged or altered during the course of the installation. Check vehicle repair manual for proper precaution implementation.

CAUTION:

When servicing an SRS system (airbag) or working on an item related to this system, a minimum of 90 seconds waiting time must be met after removing battery negative terminal (ref. TSB:EL93-00 1).

Battery Disconnect

(c) Using a 10mm Socket or wrench, disconnect the battery NEGATIVE cable as shown (FIGURE 1)

MAKE SURE YOU HAVE WRITTEN DOWN OR DEACTIVATED THE BUILT IN RADIO SECURITY CODE BEFORE PROCEEDING.

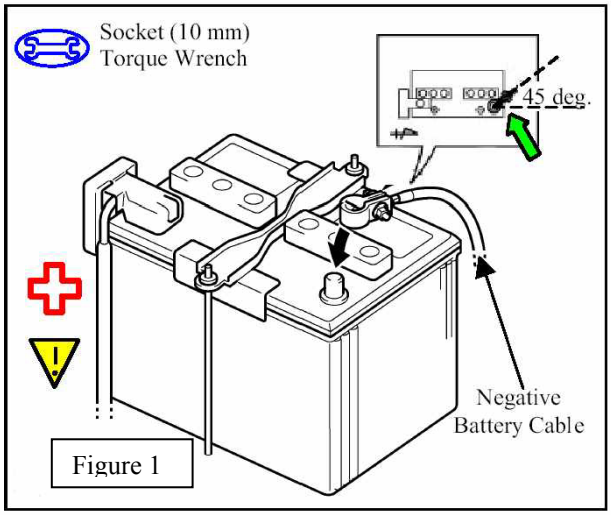


Figure 1

RADIO REMOVAL

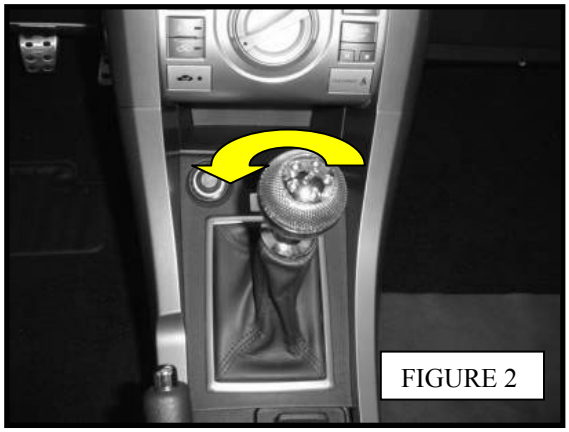
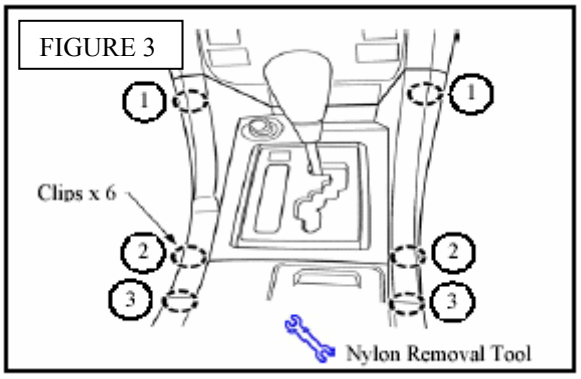


FIGURE 2

STANDARD SHIFT ONLY
Remove shift knob by rotating counter clockwise (FIGURE 2)



REMOVE LOWER TRIM PANEL

Remove lower trim panel by pulling upwards and using a Nylon Removal Tool (FIGURE 3)

Disconnect wiring from power source plug.
Place in a safe area to avoid damaging panel.

REMOVE UPPER RADIO TRIM BEZEL

Remove upper Radio trim Bezel by pulling outward on panel as shown (FIGURE 4)

Disconnect electrical connector on the back of upper radio trim bezel.
Place the trim bezel in a safe area to avoid damage.

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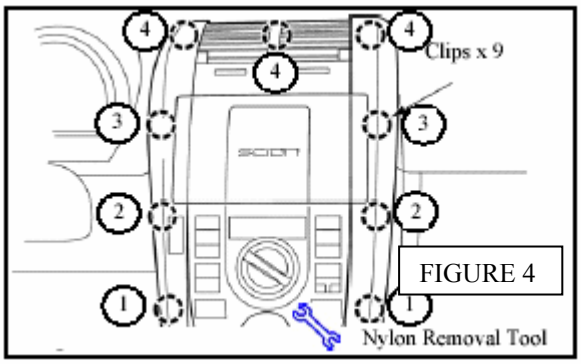


REMOVE THE HEAD UNIT (FIGURE 5)

Remove the two (2) nuts on top and the two (2) screws on the bottom. (FIGURE 5)

Pull head unit straight out.

Disconnect the connectors.

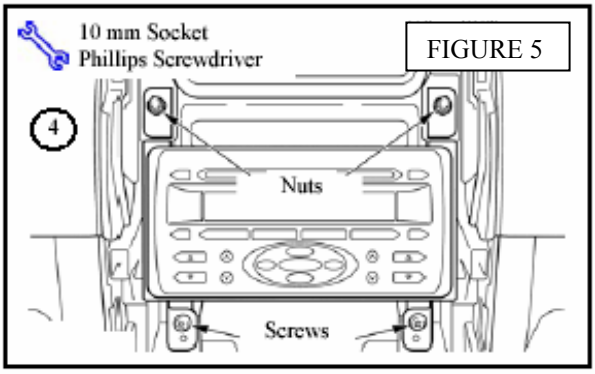


FIGURE 5

REMOVE DRIVERS SEAT

Remove 4 bolts at seat mount.
Disconnect seat plug and remove seat.

MAIN HARNESS / AMPLIFIER INSTALLATION

HARNESS ROUTING

Route main harness down from radio cavity to transmission hump. Make sure that when routing harness, care and wire ties are used to keep the harness free of the shifting mechanism. FIGURE 6

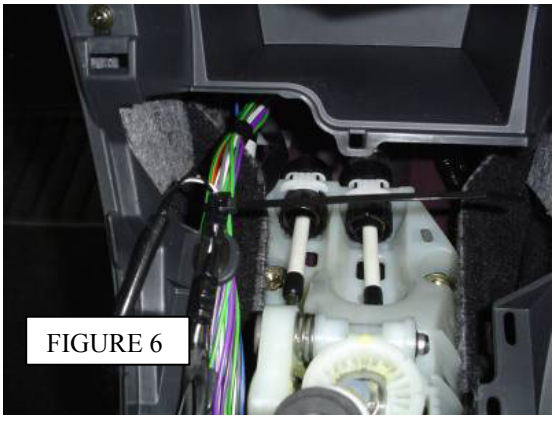


FIGURE 6

NOTE: This can be accomplished by pulling the carpet down and following factory harness.

Continue to run harness along transmission hump as shown in FIGURE 7. Use wire ties to keep harness free of emergency brake mechanism.

Connect ground wire and torque to 9 ft.lbs.

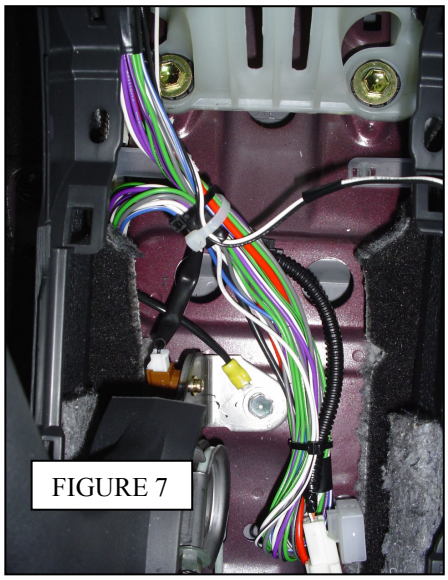


FIGURE 7

AMPLIFIER LOCATION

Cut a 1” slit 4 ½ “back from front seat brace and 4 ¼” from the transmission hump going towards the outboard side. (FIGURE 8)

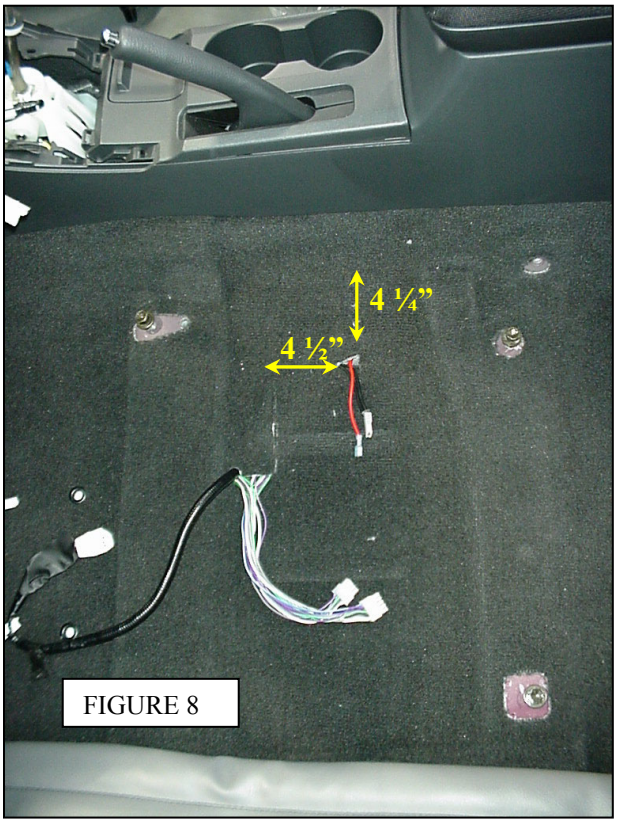


FIGURE 8

Amplifier will be located 1” back from the front seat brace and 7” from the transmission hump (FIGURE 9 & 10)
Using amplifier as a template and a grease pencil mark hole locations on carpet..
Cut carpet at marked holes and mount amplifier.

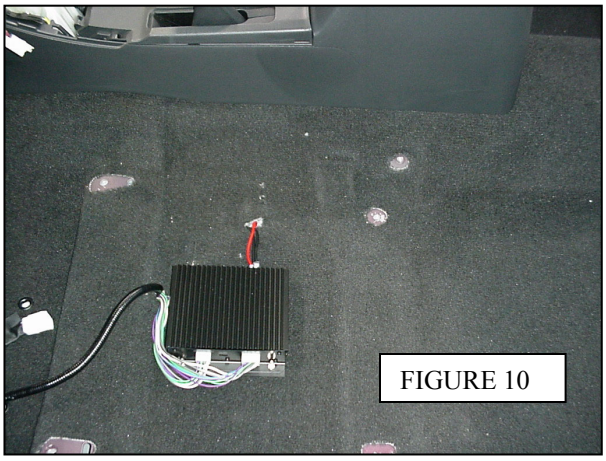


FIGURE 10

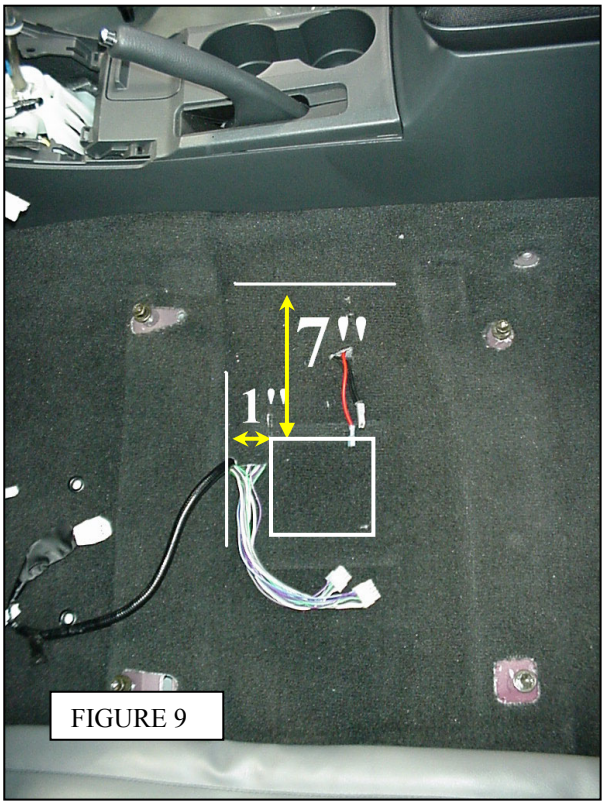
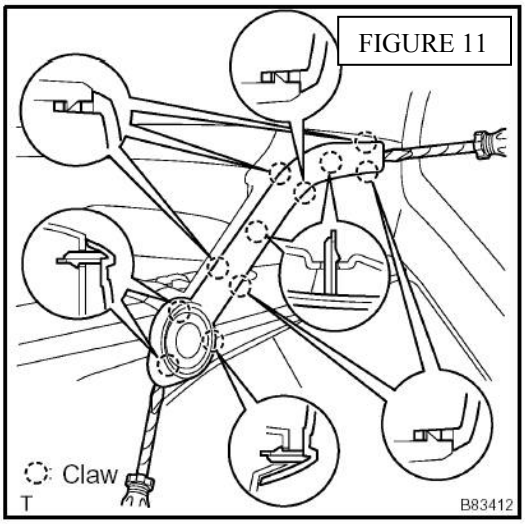


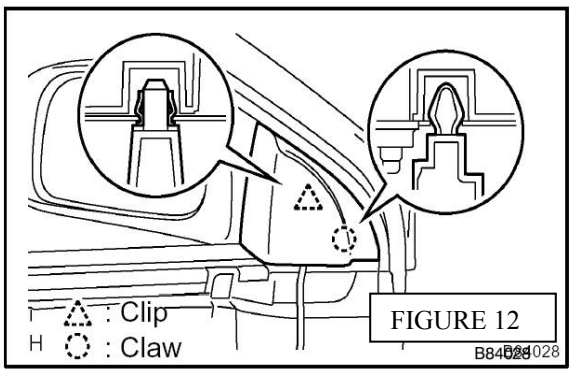
FIGURE 9

SPEAKER (FRONT) INSTALLATION

Begin door removal by removing the 11 claws that hold on door pull. FIGURE 11 shows drivers side door.

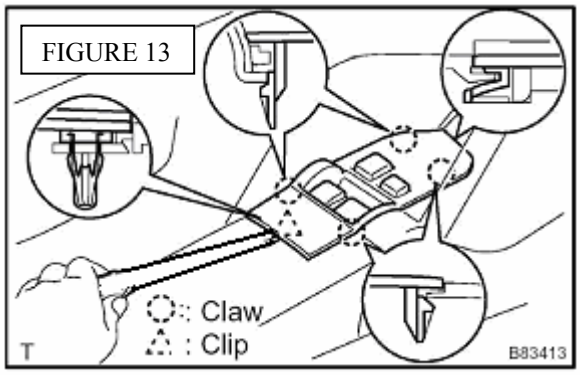


Remove the garnish panel covering the interior of the rear view mirror by using a removal tool to gently pry the clips away from the door. Place the panel in a safe location to avoid damage to the panel. FIGURE 12



Next, remove the power window switch panel as shown in FIGURE 13.
Disconnect power window switch plug.

NOTE: Optional method - If care is taken power window switch does not have to be removed to disconnect window plug from door panel.



Remove the remaining screws (3) in the door panel, and pull the panel gently to remove the clips. FIGURE 14

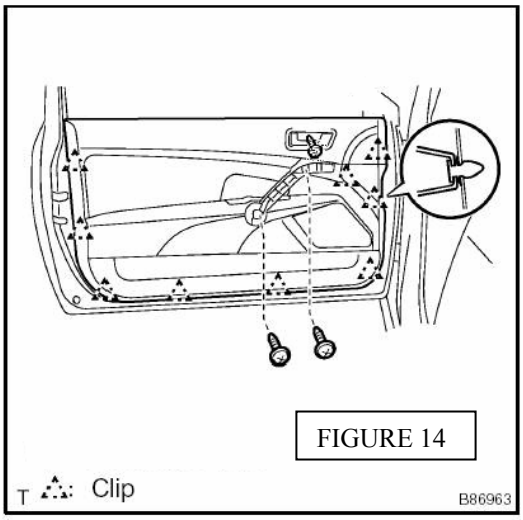


FIGURE 14

The entire panel can then be removed by pulling the remaining clips. Place panel in a safe place to avoid damage to the panel. (FIGURE 15)

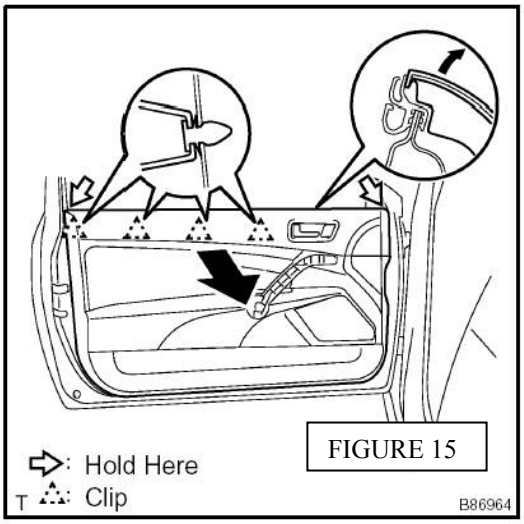


FIGURE 15

Using a drill with a 3/16" bit, carefully drill out the rivets holding the original speaker in place. Be sure to use a vacuum cleaner to remove the metal shavings from the inside of the door. (FIGURE 16) Unplug the original speaker, and remove the plastic housing.

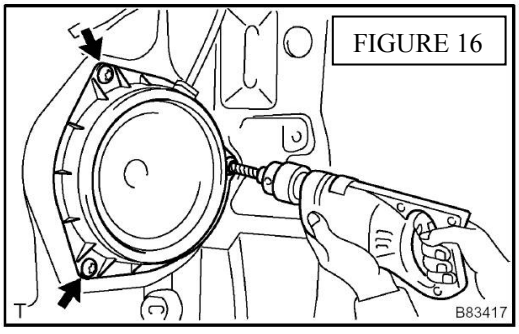


FIGURE 16

IMPORTANT NOTE: 3M Sealant must be used in speaker holes before installing new rivets.

Rivet in replacement speakers as shown in FIGURE 17. Take special care when riveting in new speakers to follow the correct rivet installation procedures detailed in FIGURE 18.

Plug the connector removed from the original speaker into the new housing.

PASSENGER SIDE DOOR SPEAKER INSTALLATION IS THE SAME AS DRIVERS SIDE

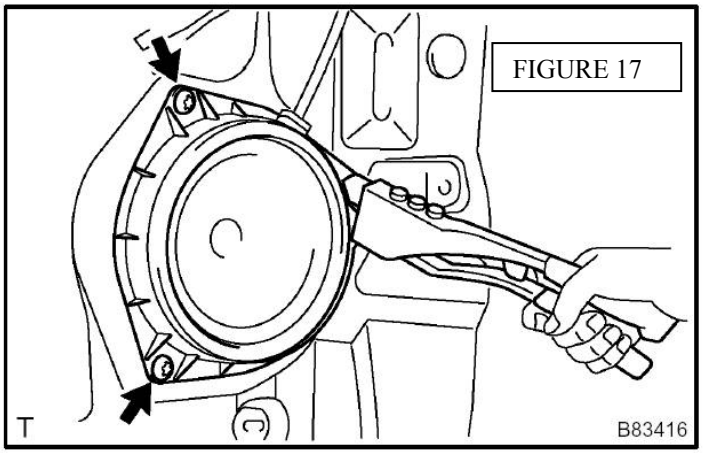


FIGURE 17

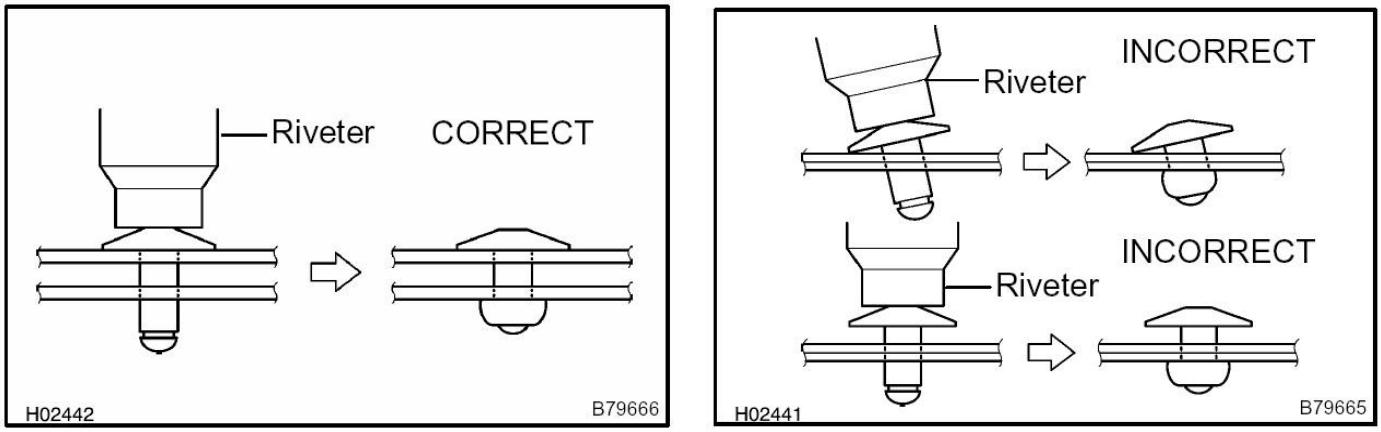
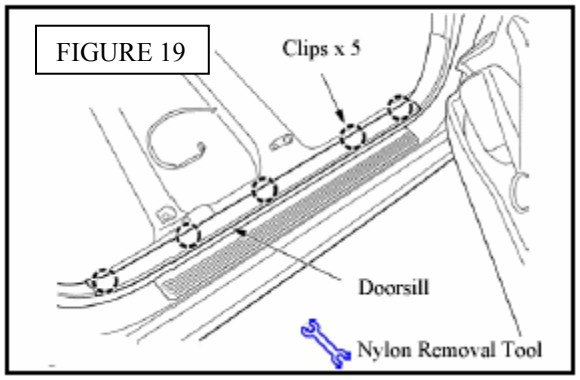


FIGURE 18

SPEAKER (REAR) INSTALLATION

REMOVE PASSENGER SIDE DOORSILL (FIGURE 19)

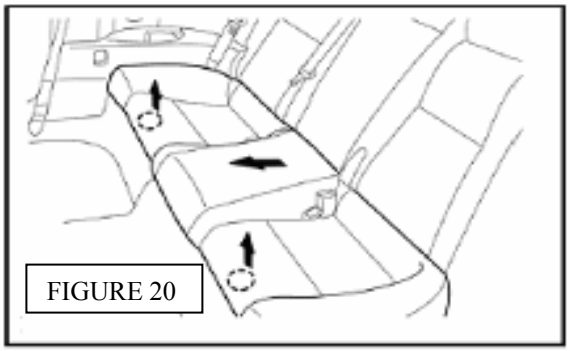
NOTE: If a clip remains on the vehicle, remove it and replace it back into the plastic doorsill cover.



REMOVE THE REAR SEAT CUSHION (FIGURE 20)

Pull upward on the front of the seat cushion to release, and then slide the seat cushion forward and upward.

NOTE: Be careful not to damage the seat, door and other vehicle parts when removing the seat cushion from the vehicle.



LOOSEN THE REAR PASSENGER SIDE TRIM PANEL (FIGURE 21 & 22)

Remove the plastic hook to remove the rear passenger side trim (FIGURE 22)

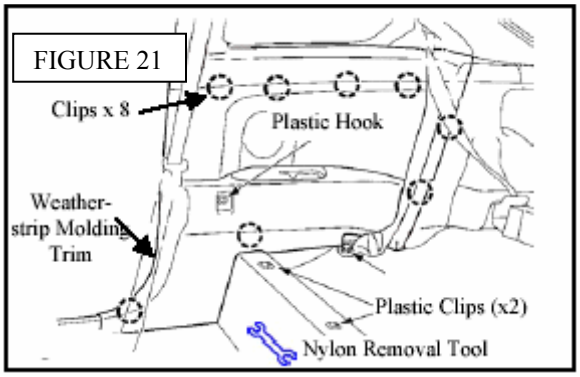
Push on the button with a nylon removal tool and twist hook counter-clockwise by 90 deg.. (FIGURE 22)

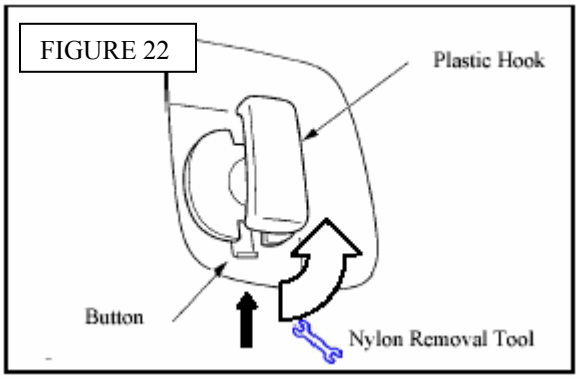
Pull hook straight out while pushing button. (FIGURE 22)

Remove the two (2) plastic clips on the floor. (FIGURE 21)

Partially remove the weather-strip molding trim.(FIGURE 21)

Partially pry away the side trim panel to release the 8 clips and 3 claws (along upper edge). (Figure 21).





Remove Rear Speaker by removing (3) 10mm bolts. Disconnect Speaker wiring plug. (FIGURE 23)

Replace speaker using the same bolts removed above. Reconnect Speaker wiring plug.

Re-assemble all removed parts in reverse order as removed.

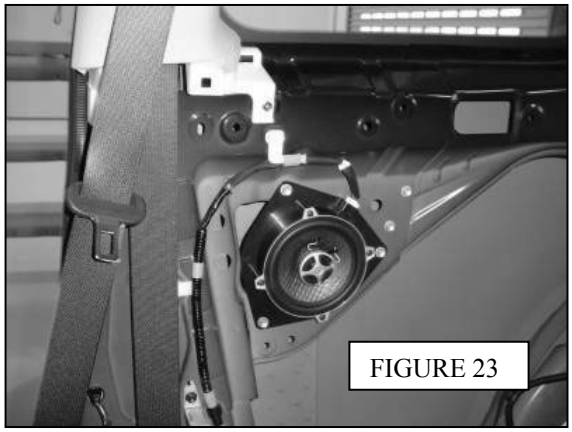


FIGURE 23

Re-install Drivers seat and torque to 30 ft.lbs.

DRIVERS SIDE INSTALLATION IS THE SAME AS PASSENGERS SIDE

CAPACITOR INSTALLATION (FIGURE 24)
TO MIRROR SWITCH CONNECTOR

Using a nylon tool pop out the mirror switch plate.

Attach one T-tap to the blue wire at pin 8

Attach one T-tap to the brown/yellow wire at pin 7

Connect the red lead to the blue wire pin 8

Connect the black lead to the brown/yellow wire pin 7

Re-install mirror switch plate.

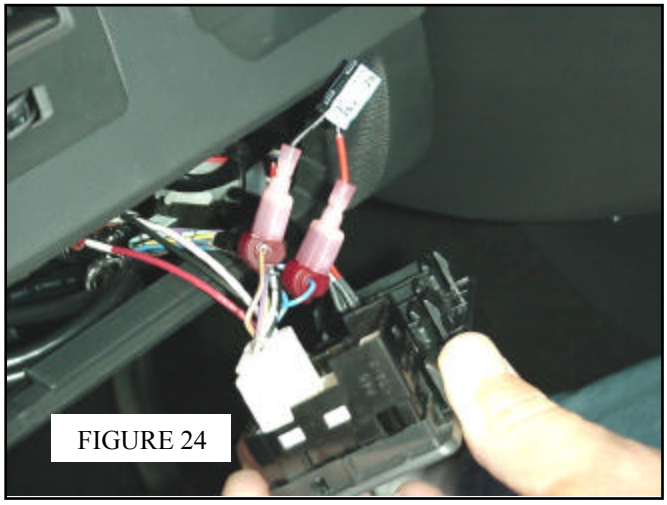


FIGURE 24

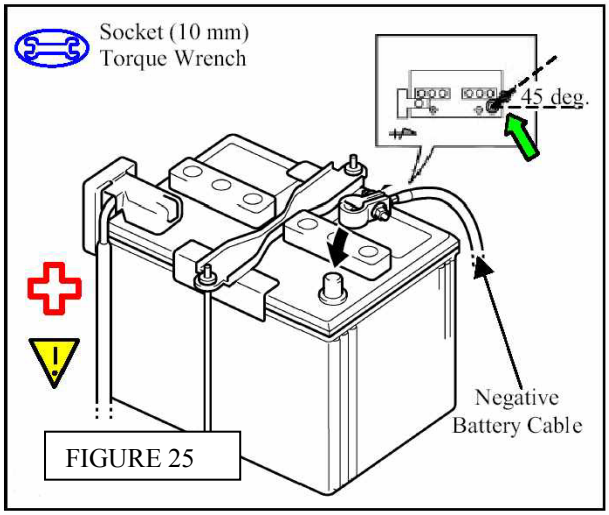


FIGURE 25

Reconnect the NEGATIVE battery cable as shown in FIGURE 25. The cable must be connected at 45 degrees, and torque to 36 lbf-in.

Proceed to Functional Verifications (page 11)

Clean up and remove any trash.

FUNCTIONAL VERIFICATIONS

Check:	Look for:
ACCESSORY VERIFICATIONS	
☐ Radio tuner	Verify proper operation of the Tuner. If no radio station can be received, check to ensure antenna was plugged into radio
☐ Bazooka Subwoofer (if installed)	Subwoofer should operate. If not, check connection of AUX harness at amplifier.
VEHICLE FUNCTION CHECKS	
☐ Hazard Switch	Ensure proper operation of the hazard switch.
☐ Passenger's and Drivers seat belt reminder light	Proper operation of the passenger and drivers seat belt reminder light.
☐ Driver's side front seat	Ensure that removed seat is securely fastened.
☐ Proper operation of the removed seat lock mechanism	Ensure proper operation of the removed seat lock mechanism.
☐ SRS warning light	SRS warning light illuminates for approximately 6 seconds when the ignition is turned ON, then goes out.
☐ HVAC	Proper operation of the Air Conditioning system.